Table 16. GT0-GT10 events relocated using Pn and Sn phases with and without SSSCs

evid	date	time	lat	lon	depth	mb	ml	GT	data source	n-def	n-sta	n-Pn	n-Sn	gap	min dist	max dist	C	D	Diff-dist	Diff-area	with-dist	with-area	cw	cwo
Figure 16: Pyrenees events																								
1075115	1997/07/02	03:20:02.7	42.655	0.673	3.4			5	ROCA	14	11	11	3	102.2	1.2	2.5	C1	D1	0.6	326.7	0.3	480.2	1	1
20585797	1999/10/04	18:14:26.4	42.889	0.629	10.6			5	ROCA	14	13	12	2	96.1	1.0	2.6	C1	D1	0.9	358	2.0	482.7	1	1

evid: event ID.

date, time, lat, lon, depth, mb, ml: GT information on the event.

GT: GT category of the event. GTX means location accuracy better than X km.

data source: data source for the origin information and sometimes for the arrival information as well (e.g. ENGDAHL_HDC, ISRAELSSON_JHD).

n-def: Number of defining phases.

n-sta: Number of defining stations.

n-Pn: Number of defining Pn phases with SSSCs.

n-Sn: Number of defining Sn phases with SSSCs.

gap, mindist, maxdist: azimuthal gap and minimum/maximum epicentral distance (in degrees)

C: Class C, defined based on locations relative to the GT accuracy

D: Class D, defined based on locations relative to 18 km mislocation

diff-dist: GT distance without SSSCs minus GT distance with SSSCs (km). Positive numbers indicate improvement.

diff-area: Ellipse area without SSSCs minus area with SSSCs (sqkm). Positive numbers indicate improvement.

with-dist: GT distance with SSSCs (km).

with-area: Ellipse area with SSSCs (sqkm)

cw: coverage with SSSCs. 1- covered; 0: otherwise

cwo: coverage without SSSCs. 1- covered; 0: otherwise